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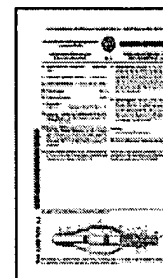
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[My Account](#)Search: [Quick/Number](#) [Boolean](#) [Advanced](#) [Der](#)**The Delphion Integrated View**Buy Now: [PDF](#) | [More choices...](#)Tools: [Add to Work File](#): [Create new Work](#)View: [Expand Details](#) | [INPADOC](#) | Jump to: [Top](#) Go to: [Derwent](#) [Email](#)Title: **WO03037419A3: CATHETER HAVING AN IMPROVED DISTAL TIP** [\[French\]](#)

Derwent Title: Balloon catheter for intracorporeal therapeutical and diagnostic procedures, comprises elongated catheter shaft that has an inflation lumen and guide wire, and a flexible sleeve which is secured to the distal tip member [\[Derwent Record\]](#)

Country: **WO** World Intellectual Property Organization (WIPO)Kind: **A3** Subsequent Publ. of the Int. search report <sup>i</sup> (See also: [WO03037419A2](#) )

Inventor: **WANG, Edwin**; 13102 Cortina, Tustin, CA 92782, United States of America  
**WHITE, Roseminda, J.**; 33671 Windmill Road, Wildomar, CA 92595, United States of America  
**LEE, Jeong, S.**; 23637 E. Goldrush Drive, Diamond Bar, CA 91765, United States of America  
**KITCHEN, Tim**; 333 S. Mary Avenue, Sunnyvale, CA 94086, United States of America

Assignee: **ADVANCED CARDIOVASCULAR SYSTEMS, INC.**, 3200 Lakeside Drive, Santa Clara, CA 95054-2807, United States of America  
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Published / Filed: **2003-05-08** / 2002-10-31Application Number: **WO2002US0034854**IPC Code: **A61M 25/10**; **A61M 25/00**;ECLA Code: **A61M25/00T1**; **A61M25/10**;Priority Number: 2001-11-01 **US2001000002613**

Abstract: An elongated balloon catheter having a distal tip member on the distal end of the catheter and having a sleeve surrounding and secured at least to the proximal end of the distal tip member.  
[\[French\]](#)

Attorney, Agent or Firm: **HANKE, Gunther, O.** ; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 10th Floor, 6060 Center Drive, Los Angeles, CA 90045 United States of America

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CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR,  
**OAPI patent:** BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD  
 TG, **ARIPO patent:** GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW,  
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🔗 Description [Expand description](#) [From equivalent WO03037419A2] **± CATHETER HAVING AN IMPROVED DISTAL TIP**

#### FIELD OF INVENTION

#### ± BACKGROUND OF THE INVENTION

In percutaneous kansluminal coronary angioplasty (PTCA) procedures, a guiding catheter is advanced until the distal tip of the guiding catheter is seated in the ostium of a desired coronary artery. A guidewire, positioned within an inner lumen of a dilatation catheter, is first advanced out of the distal end of the guiding 10 catheter into the patient's coronary artery until the distal end of the guidewire crosses a lesion to be dilated. Then the dilatation catheter having an inflatable balloon on the distal portion thereof is advanced into the patient's coronary anatomy, over the previously introduced guidewire, until the balloon of the dilatation catheter is properly positioned across the lesion.

#### ± Brief Description of the Drawings

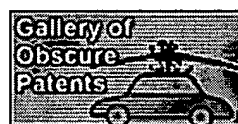
FIG. 1 is an elevational view, partially in section, of a balloon catheter embodying features of the invention.

#### ± DETAILED DESCRIPTION OF THE INVENTION

FIGS. 1 through 4 illustrate a balloon catheter 10 embodying features of the invention, which include an elongated catheter shaft 11 having proximal and distal 20 shaft sections 12 and 13 respectively, an inflatable balloon 14 on the distal catheter shaft section and a distal tip member 15 secured to the distal end 16 of a portion of the catheter shaft that extends through the interior chamber 17 of the balloon 14. A flexible sleeve 18 is secured to the exterior of the distal end 16 and the distal tip member 15. An adapter 19 is provided on the proximal shaft section 12 for 25 directing inflation fluid, and the like to and from the catheter 10.

🔗 Other Abstract [None](#)

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